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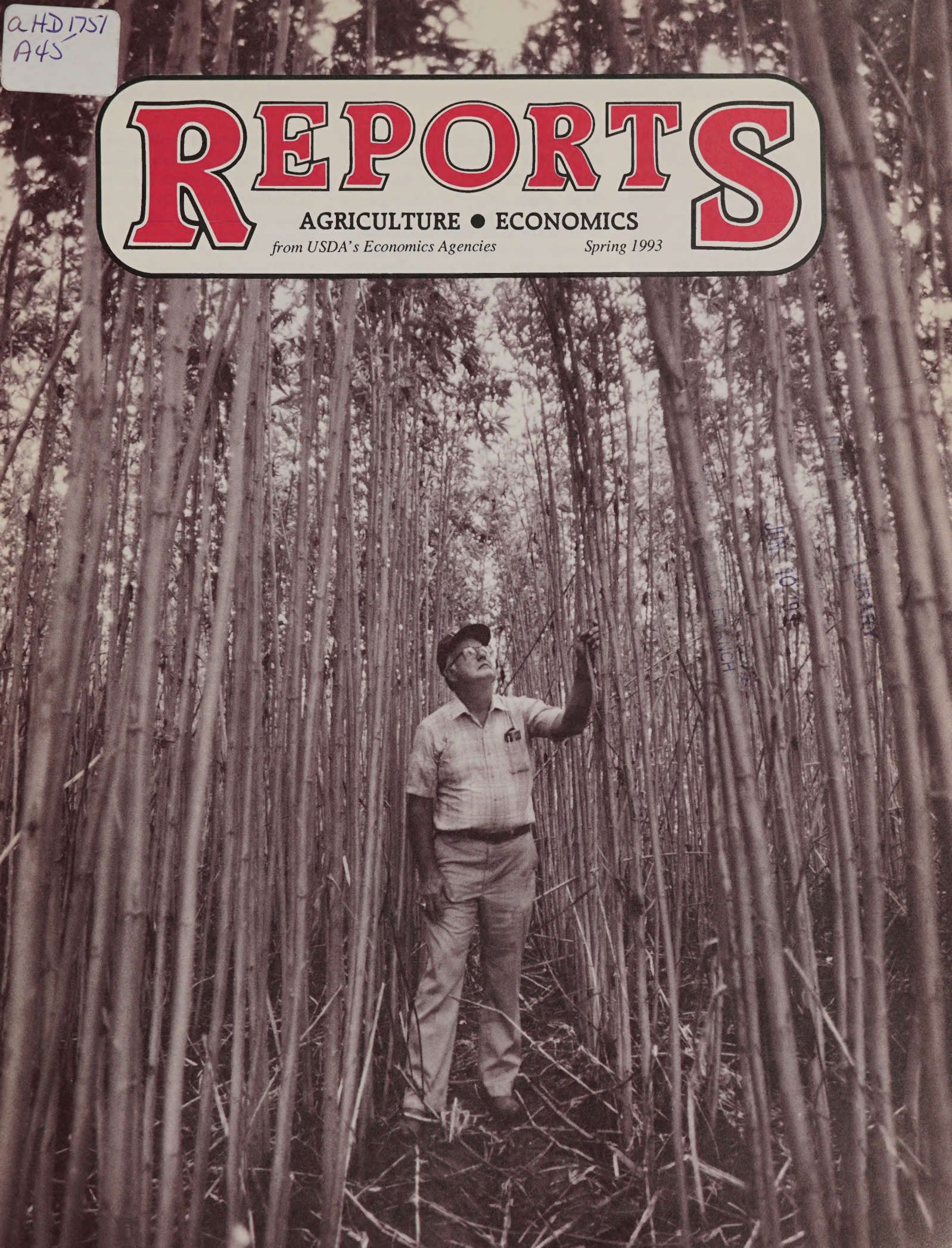
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REPORTS

AGRICULTURE • ECONOMICS

from USDA's Economics Agencies

Spring 1993



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ECONOMICS

New Monographs from ERS

About the Cover

U.S. agriculture is moving into new markets. Farmers, with their excess productive capacity, are working together with agribusiness and government to deliver a host of environmentally sensitive products to industry and ultimately to consumers. New sources of fiber, for example, are being commercialized. Research has shown that kenaf (see our photo) makes a good quality newsprint.

In response to the growing importance of nonfood uses of agricultural crops and materials, the Economic Research Service has announced a semiannual situation and outlook report on Industrial Uses of Agricultural Materials.

For more information about this new report, see page 9.

Who we are

This catalog lists the latest monographs available from USDA's economics agencies. **Economic Research Service (ERS)** situation and outlook reports and periodicals analyze the current situation and forecast market conditions. ERS monographs offer economic analysis in the areas of trade, production, rural development, farm inputs, and other topics. **National Agricultural Statistics Service (NASS)** publications estimate production, stocks, inventories, disposition, utilization, and prices of agricultural commodities, and such other items as labor and farm numbers. The **World Agricultural Outlook Board (WAOB)** issues regular forecasts of U.S. and world supply and demand prospects for major agricultural commodities. *To order items in this catalog, call our toll free order desk, 1-800-999-6779.*

A Summary of Federal Laws and Regulations Affecting Agricultural Employers, 1992, by Jack L. Runyan. 30 pp. August 1992.

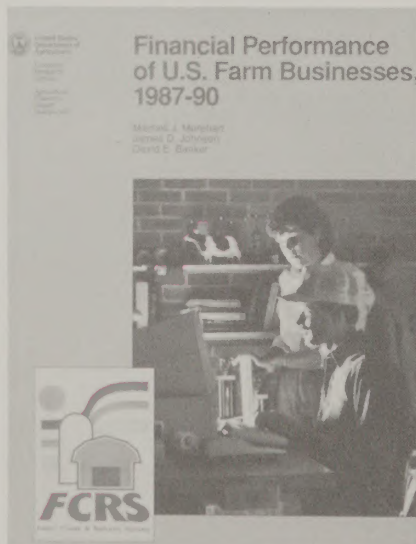
Updating a popular 1989 publication, this report is a single-source reference that summarizes Federal laws and regulations governing employment, taxes, wages, and working conditions of agricultural workers. Includes an expanded section on agricultural employers' Federal safety and tax requirements and a new section on Federal equal opportunity guidelines.

Stock # AIB-652 \$8.00

Financial Performance of U.S. Farm Businesses, 1987-90, by Mitchell J. Morehart, James D. Johnson, and David E. Banker. 174 pp. December 1992.

In 1990, U.S. farm businesses continued to recover from the financial problems encountered during the early and mid-1980's. Farm businesses in 1990 were in the strongest financial condition since 1984, based on their overall financial performance.

Stock # AER-661 \$14.00



The Conservation Reserve Program: Enrollment Statistics for Signup Periods 1-11 and Fiscal Years 1990-92, by C. Tim Osborn, Felix Llacuna, and Michael Linsenbigler. 86 pp. November 1992.

USDA accepted 33.9 million acres of cropland into the CRP during 1986-89, and enrolled them under nine separate signups by authority of the Food Security Act of 1985.

Stock # SB-843 \$11.00

Agriculture in a North American Free Trade Agreement: Analysis of Liberalizing Trade Between the United States and Mexico. 167 pp. September 1992.

Provides background information and analysis on the agricultural aspects of a hypothetical NAFTA in which all barriers to trade are removed. If recent levels of protection were removed, U.S. agricultural exports to Mexico would expand about one-third, while Mexican agricultural exports to the United States would increase about one-fifth by the end of the NAFTA implementation period.

Stock # FAER-246 \$14.00

Tourism as a Rural Economic Development Tool: An Exploration of the Literature, by Martha Frederick. 33 pp. August 1992.

This annotated bibliography presents studies from economics and other social sciences that explore tourism, a popular rural economic development tool. Topics covered include the tourism industry, measuring and forecasting tourism demand, valuation of tourism resources, effects of tourism, and theories and applications of tourism development.

Stock # BLA-122 \$8.00

Global Competitive Advantages and Overall Bilateral Complementarity in Agriculture: A Statistical Review, by Linda Scott and Thomas Vollrath. 214 pp. December 1992.

Provides a time-series statistical overview of agricultural trade by the United States, 113 foreign countries, and principal regions. It also provides statistics for 15 agricultural industries. Import/export shares, indexes of competitive advantage/disadvantage, correlation coefficients, and other economic statistics are used to summarize foreign traders' overall bilateral complementarity with the United States.

Stock # SB-850 \$14.00

Productivity and Technical Change in Brazilian Agriculture, by Carlos A. Arnade. 23 pp. November 1992.

Discusses Brazil's drive to modernize its technology. The major changes in Brazilian agricultural growth over the past two decades can be traced to government subsidies that spurred modernization.

Stock # TB-1811 \$8.00

Latin America's Big Three Sugar Producers in Transition: Cuba, Mexico, Brazil, by Peter Buzzanell. 36 pp. September 1992.

A profile of the sugar industries in Cuba, Mexico, and Brazil, this report provides benchmark data and analysis to judge the direction they may take into the later 1990's. Major government policy turning points for these three largest Latin American sugar producers could significantly affect U.S. and world sugar trade.

Stock # AIB-656 \$8.00

Agricultural Statistics of the People's Republic of China, 1949-90, by W. Hunter Colby, Frederick W. Crook, and Shwu-Eng Webb. 316 pp. December 1992.

This report contains 285 tables of agricultural statistics for China. The data cover land use, population, labor force, gross value of agricultural output, agricultural investment, crop production, crop sown area, state procurement, live-stock inventory and slaughter, animal product output, input production and use, costs of production, consumption of agricultural commodities, and more.

Stock # SB-844 \$14.00

Where Major U.S. Crops Are Grown. 16 pp. December 1992.

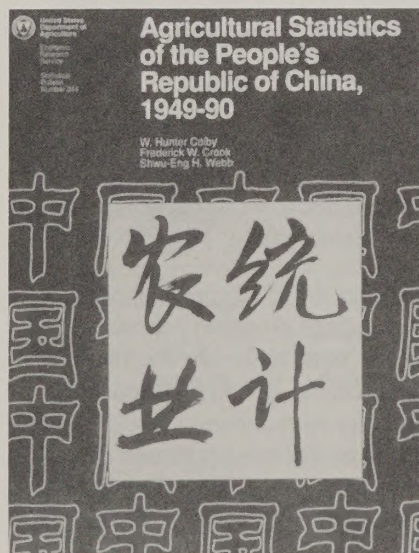
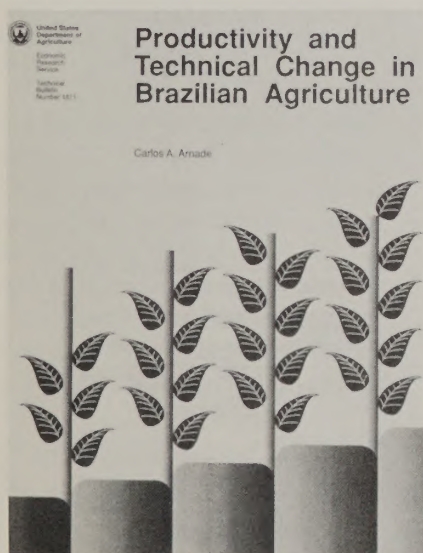
Reprinted from the September 1992 issue of *Farmline* magazine, this series of maps depicts U.S. crops (corn, soybeans, cotton, wheat, rice, peanuts, and tobacco) and the U.S. regions where their production is concentrated.

Stock # FARM-92 \$5.00

The European Community's Presence in U.S. Agribusiness, by H. Christine Bolling. 29 pp. September 1992.

Puts into perspective the size and extent of EC investments in U.S. agriculture during the 1980's. West European countries, especially the United Kingdom, are the principal sources of foreign investment in U.S. agricultural land and agribusinesses. But such investment amounts to less than 1 percent of the total value of U.S. agricultural land and about 10 percent of the total assets of the U.S. food and beverage industry.

Stock # FAER-245 \$8.00



More New Monographs

Costs of Producing Milk, 1989 and 1990, by Annette Clauson, Ken Mathews, and Hosein Shapouri. 20 pp. August 1992.

Finds that the total economic cost of producing milk in the United States was \$14.74 per cwt of milk in 1989 and \$14.98 in 1990. Although the average economic cost of producing milk increased in 1990, producers received 20 cents more per cwt in U.S. milk prices, and averaged cash receipts of \$15.12 per cwt of milk sold.

Stock # AIB-653 \$5.00

Two new Cost of Production reports

Characteristics and Production Costs of U.S. Rice Farms, 1988, by Michael Salassi. 20 pp. October 1992.

Compares selected farm characteristics and production costs among rice producers grouped by variable costs, enterprise size, and production region. Rice farmers averaged \$5.42 per cwt in average variable cash costs of production in 1988, according to Farm Costs and Returns Survey data.

Stock # AIB-657 \$5.00

Characteristics and Production Costs of U.S. Soybean Farms, 1988, by William D. McBride. 20 pp. October 1992.

Compares selected farm characteristics and production costs among soybean growers grouped by variable costs, enterprise size, and production region. The Farm Costs and Returns Survey showed that farmers spent an average of \$2.11 per bushel of soybeans produced in 1990.

Stock # AIB-658 \$5.00

U.S. Tomato Statistics, 1960-90, by Charles Plummer. 119 pp. August 1992.

Features national and State data on tomato acreage, yield, production, and value as well as information on prices, exports, imports, world output, and costs of production. Americans have increased their per capita consumption by 12 pounds over the past 20 years, reaching 86 pounds in 1990, 80 percent of which is processed.

Stock # SB-841 \$11.00

State-Level CCC Nonrecourse Crop Loan Activity, 1985-91, by Robert P. Williams and Roger P. Strickland. 79 pp. December 1992.

The data in this report, covering 16 crops, are used in estimating gross farm income and its component cash receipts and government payment accounts.

Stock # SB-847 \$11.00

Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1990, by James Mikesell and Felice Marlor. 61 pp. November 1992.

Highlights differences between nonmetro and metro bank operations by presenting different operating statistics for each. Bank numbers dropped more slowly in nonmetro areas than metro areas during 1990. Profit rates at nonmetro banks averaged much higher than those of metro banks, but were still down a little from a year earlier.

Stock # SB-846 \$11.00

Ranking of States and Commodities by Cash Receipts, 1991, by Roger P. Strickland, Cheryl Johnson, and Robert P. Williams. 90 pp. November 1992.

Identifies the 25 leading agricultural commodities produced nationally and in each State, ranked by the value of cash receipts. The major producing States for each commodity and for several major commodity groups are also identified.

Stock # SB-848 \$11.00

Cotton Production and Water Quality: Economic and Environmental Effects of Pollution Prevention, by Stephen R. Crutchfield, Marc O. Ribaud, LeRoy T. Hansen, and Ricardo Quiroga. 44 pp. December 1992.

Finds that environmental damage to surface and ground water posed by cotton farming may be reduced, with only limited effects on yields and prices, if restrictions on agrichemical use or production are applied to just those acres most vulnerable to water-quality problems. The most widespread potential damage is from nitrates in fertilizer that can pollute ground water and pesticides that can contaminate surface water. Production of cotton appears less likely than other crops to cause erosion-induced water quality problems; cotton acreage is not the major source of cropland erosion in most regions.

Stock # AER-664. \$8.00

Monthly Cash Receipts from Farm Marketings, 1972-91, by Robert P. Williams and Roger P. Strickland. 113 pp. December 1992.

Summarizes monthly cash receipts for 12 major commodity groups to reflect production and sales at the U.S. level during 1972-91. Includes cash receipts data for three major commodity groupings (crops, livestock, and all commodities) by State.

Stock # SB-845 \$11.00



Changes in Food Consumption and Expenditures in American Households During the 1980's, by Steven M. Lutz, David M. Smallwood, James R. Blaylock, and Mary Y. Hama. 94 pp. December 1992.

Presents information on the quantity and dollar value of food consumption in American households for 1977-78 and 1987-88 by selected socioeconomic and demographic characteristics. Annual per person consumption of dairy products, fats and oils, flours and cereals, bakery products, meat, eggs, sugars and sweets, and fresh vegetables fell during the 1980's; consumption of poultry, fish and shellfish, juices, and beverages rose.

Stock # SB-849 \$11.00

Rearranging the Economic Landscape: The Food Marketing Revolution, 1959-91, by Alden C. Manchester. 165 pp. September 1992.

This report examines the changes in the marketing of farm and food products since 1950 and the factors that have caused such change. Changes in the makeup of the population, lifestyles, incomes, and attitudes on food safety, health, and convenience since World War II have altered the conditions facing farmers and marketers of food products.

Stock # AER-660 \$14.00

Food Spending by Female-Headed Households, by Elizabeth Frazao. 55 pp. July 1992.

On a per person basis, female-headed households, a growing proportion of the U.S. population, spend less for food than do two-parent households. The study analyzes the influence of household type on food expenditure patterns, after controlling for household income and other socio-economic characteristics.

Stock # TB-1806 \$11.00

All About Food. . .

Food Consumption, Prices, and Expenditures, 1970-90, by Judith Jones Putnam and Jane E. Allshouse. 148 pp. August 1992.

This annual bestseller presents historical data on food consumption, prices, and expenditures, and U.S. income and population. Americans spent \$570 billion for food in 1991 and \$85 billion for alcoholic beverages. Away-from-home meals and snacks captured 45 percent of the U.S. food dollar in 1991, up from 39 percent in 1980 and 34 percent in 1970. Includes 1991 data where available.

Stock # SB-840.

\$14.00

The Food System in 1991-92, by Anthony E. Gallo. 16 pp. December 1992.

Sales slowed for the third consecutive year in 1992 in the food system, but profitability from operations remained the same and after-tax profits increased.

Stock # AIB-659

\$5.00

Food Cost Review, 1991, by Denis Dunham. 50 pp. August 1992.

This perennially popular report presents USDA's findings on the 1991 farm-to-retail price spread. Food prices increased 2.9 percent in 1991, half the 1990 price rise. There were higher charges for processing and distribution. But the prices farmers received for their commodities, as measured by the farm value of USDA's market basket of foods, declined 6.2 percent.

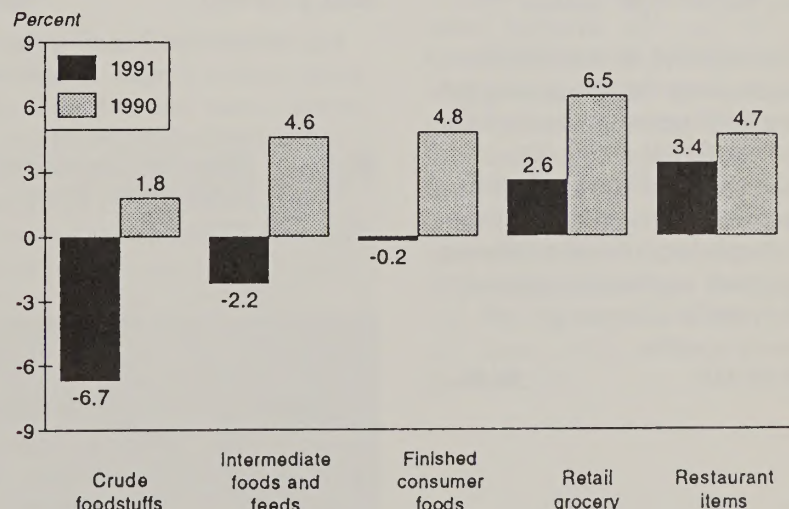
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Figure 3

Producer Price Index (PPI) for the food marketing system

The PPI reflected lower input prices paid by most sectors of the food marketing system in 1991.



Taken from *The Food System in 1991-92*, by Anthony E. Gallo.
Stock # AIB-659.

More New Monographs

Fertilizer Trade Statistics, 1970-91, by Harry Vroomen and Harold Taylor. 44 pp. January 1993.

Covers U.S. imports and exports of nitrogen, phosphate, and potash, and U.S. import origins and export destinations for selected fertilizer materials. The United States is the world's largest phosphate exporter and its largest potash importer.

Stock # SB-851. \$9.00

Fertilizer Use and Price Statistics, 1960-91, by Harry Vroomen and Harold Taylor. 68 pp. November 1992.

Includes quarterly or semiannual time series for retail fertilizer prices, annual retail and wholesale fertilizer price indexes, fertilizer consumption by plant nutrient and major selected products, consumption of mixed fertilizers and secondary and micronutrients, as well as statistics on fertilizer use per acre by nutrient in the major producing States for corn, cotton, soybeans, and wheat.

Stock # SB-842 \$11.00

Cotton Ginning Charges, Harvesting Practices, and Selected Marketing Costs, 1991/92 Season, by Edward H. Glade, Jr., Mae Dean Johnson, and Leslie A. Meyer. 4 pp. January 1993.

This brief statistical review finds that the average charge for saw-ginning and wrapping a 480-pound net-weight bale of cotton was \$42.61 during the 1991/92 season, \$1.07 below the average charge in 1990/91. The drop reflected sharply larger cotton production in recent years and industry efforts to share the benefits of higher gin volumes where possible.

Stock # SB-852 \$6.00

Now available!

Outlook Conference Proceedings. February 1993.

This popular annual publication features text and speeches submitted by over 100 speakers and panelists at USDA's Outlook '92 Conference. Reserve your copy today by calling 1-800-999-6779.

Stock # YCON-93 \$20.00

Diagnostic Indexes of U.S. Bilateral Trade, by Thomas L. Vollrath. 20 pp. December 1992.

Calculates measures of bilateral trade to determine how well the United States competes in specific import markets and how much the United States depends on individual foreign suppliers. The study's various indexes can be used to help diagnose whether expansion of global free trade and formation of preferential trading blocs have enabled bilateral trade to be of mutual benefit to trading partners or, instead, allowed some countries to penetrate others' markets.

Stock # TB-1812 \$8.00

Estimating Water Quality Benefits: Theoretical and Methodological Issues, by Marc O. Ribaud and Daniel Hellerstein. 28 pp. September 1992.

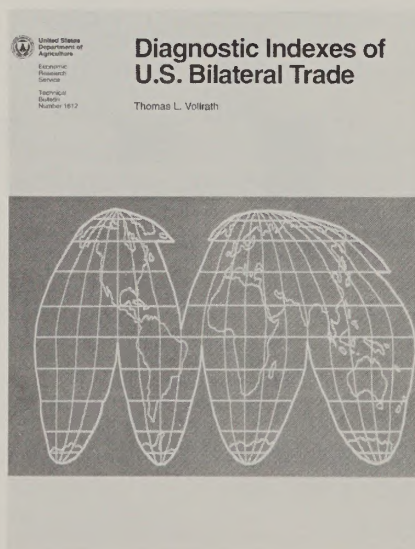
Reviews practical approaches and theoretical foundations for estimating the economic value of changes in water quality to recreation, navigation, reservoirs, municipal water treatment and use, and roadside drainage ditches. Knowledge of the benefits and costs to water users is required for a complete assessment of policies to create incentives for changing agricultural production to improve water quality.

Stock # TB-1808 \$8.00

The U.S. Sunflower Industry, by Ian McCormick, Cecil W. Davison, and Roger L. Hoskin. 58 pp. October 1992.

This report describes the U.S. sunflowerseed industry and furnishes a single source of economic and statistical information on sunflowers. U.S. sunflowerseed production increased tenfold during the 1970's, approaching 6 million acres, but declined to less than 2 million acres by the late 1980's.

Stock # AER-663 \$11.00



New ERS-NASS Electronic Data Products

For further information on the data included in these products, please contact the subject-area specialists identified with each database. Data products are shipped in the formats specified on DOS-compatible 5.25" 360KB or 3.5" 1.44MB diskettes or on unlabeled, 9-track, 6250 b.p.i. magnetic tapes as appropriate. Dates in parentheses reflect the last update of the databases available. **NOTE: Electronic data products are not returnable.**

Tobacco Yearbook. U.S. and world data on production, supply, trade, disappearance, and price data for tobacco products, 1950-91. Includes data on U.S. tobacco acreage, yield, production, stocks, and marketings by type. Tom Capehart, ERS, 202-219-0890. [Lotus 1-2-3 (.WK1), one 3.5" disk], (7/92).
Stock # 92015 \$25

Processed Food Trade. U.S. trade in processed food, 1988-91. Values of exports and imports are shown by SIC product group for each trading partner. Walter Epps, ERS, 202-219-0866. [Lotus 1-2-3 (.WK1), one 3.5" disk], (8/92).
Stock # 92016 \$25

Acid Rain. Spring (April-June) and summer (July-September) estimates of nitrate and sulfate wet depositions in kilograms per hectare by State and county by year for the Northeastern and Middle Atlantic regions. David Westenbarger, ERS, 202-219-0459. [Lotus 1-2-3 (.WK1), one 3.5" disk], (8/92).
Stock # 92017 \$25

Ozone. Monthly and seasonal estimates of 1987 ozone concentrations in parts per billion by State and county for the Northeastern and Middle Atlantic regions. David Westenbarger, ERS, 202-219-0459. [Lotus 1-2-3 (.WK1), one 3.5" disk], (8/92).
Stock # 92018 \$25

Plant Protection and Quarantine. Reports the quantity of U.S. imports of 200 fresh fruits and vegetables subject to the Plant Protection and Quarantine program. Data are reported by commodity, by country of origin, and by port of entry for fiscal years 1983-89. Cathy Greene, ERS, 202-219-0886. [Lotus 1-2-3 (.WK1), four 3.5" disks], (9/92).
Stock # 92019 \$55

DWOPSIM. This dynamic world policy simulation model building framework is a software system that assembles globally consistent data sets into time series models in spreadsheets for policy analysis, short-term forecasting, and long-term projections. DWOPSIM models clear world trade markets through world price changes, which are linked to product behavior in individual countries and regions. **NOTE:** DWOPSIM is shipped on a 1.44 MB diskette with 3 MB of archived data and program files. It requires an IBM or compatible personal computer, DOS 3.3 or higher, SuperCalc 5 spreadsheet software, 2MB of available RAM, and at least 3MB of hard disk storage. Vernon Roningen, ERS, 202-219-0682. One 3.5" disk, (11/92).
Stock # 93001 \$25

CCC Crop Loans. State-level data on CCC nonrecourse crop loan activity for 1985-91. Robert Williams, ERS, 202-219-0804. One 3.5" disk, (12/92).
Stock # 93003 \$25

Changes in Food Consumption and Expenditures. Reports average annual household food use and related expenditures data for major foods and food groups, 1977/78 and 1987/88. Data are summarized by household size and type, income quintile, race, region, and urbanization. Steven Lutz, ERS, 202-219-0860. One 3.5" disk, (12/92).
Stock # 93004 \$25

Global Competitive Advantages. Includes statistics on export and import shares, indexes of competitive advantage and disadvantage, and overall bilateral complementarity with the United States for 15 agricultural industries and 113 countries. Data series are for 1985-89, with comparisons to 1961/62. Tom

Vollrath, ERS, 202-219-0860, or Linda Scott, ERS, 202-219-0630. Two 3.5" disks, (12/92).
Stock # 93005 \$35

U.S. Fresh-Market Fruit Exports. Reports a major revision in U.S. fresh fruit export statistics, 1978-91. Monthly data on U.S. exports to Canada and the world are included for 13 fresh-market fruits. Diane Bertelsen, ERS, 202-219-0884. One 3.5" disk, (1/93).
Stock # 93006 \$25

Monthly Cash Receipts. U.S. and State estimates of cash receipts by month, 1960-91. The U.S. data cover 12 major agricultural commodity groups; State data cover three commodity groups. Robert Williams, ERS 202-219-0804. Two 3.5" disks, (12/92).
Stock # 93008 \$35

WASDE Crop Estimates. All U.S. crop estimates from the *World Agricultural Supply and Demand Estimates* (WASDE) reports for issues 1-273 (1973-92). Data are those actually published, beginning with year 1973/74. Contents include data for cotton, rice, long grain rice, short- and medium-grain rice, soybeans, soymeal, soyoil, total feed grains, corn, sorghum, barley, oats, wheat, and wheat by class (hard winter, hard spring, soft red, white, and durum). Chung Yeh, WAOB, 202-720-8760, or David Stallings, WAOB, 202-720-5715. [Lotus 1-2-3 (.WK1), two 3.5" disks], (1/93).
Stock # 93501 \$35

Situation and Outlook Reports

Updates give you the facts, fast . . .

The *Livestock and Poultry Update* and *U.S. Agricultural Trade Update* provide subscribers the most up-to-the-minute ERS data on the livestock-poultry and farm trade sectors. Each month these timely, 6-page updates bring you the most current figures, mailed first-class to ensure timely delivery.

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search and academic facilities. All *Situation and Outlook* reports are mailed first-class to ensure timely delivery.

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Agricultural Income and Finance looks at farm income, profitability, government payments, production expenses, debts and assets, and other areas of farm finance. *Agricultural Resources* covers farm inputs, agricultural land values and markets, water, and conservation.

The *Agriculture and Trade* series describes the situation and outlook for different regions: *Africa and the Middle East, Asia and Pacific Rim, China, Former USSR, Europe*, and *Western Hemisphere*. *Outlook for U.S. Agricultural Exports* offers the latest value and volume of U.S. farm exports, by commodity and region, as well as agricultural trade balance, import commodities, and export outlook.

World Agricultural Supply and Demand Estimates, issued monthly, provides the most current USDA information on global supply-use balances of the major grains, soybeans and products, and cotton, and U.S. supply and use of livestock products.

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World Agricultural Supply and Demand Estimates (12)	WASDE	\$26	\$50	\$74

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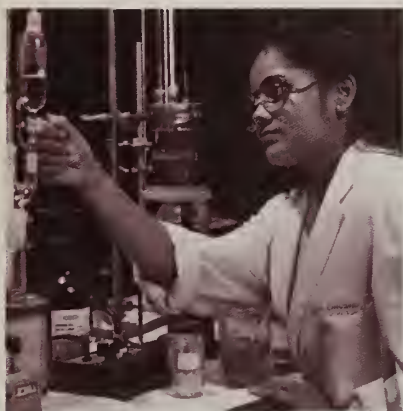
ERS' newest S&O report to examine industrial uses of agricultural materials

Coming this summer: A new situation and outlook report examining how agricultural materials are used by industry. Published twice a year, *Industrial Uses of Agricultural Materials* will supply relevant economic intelligence to people involved in the research, development, production, processing, marketing, and policy aspects of taking agricultural materials from the farmgate through the industrial marketplace.

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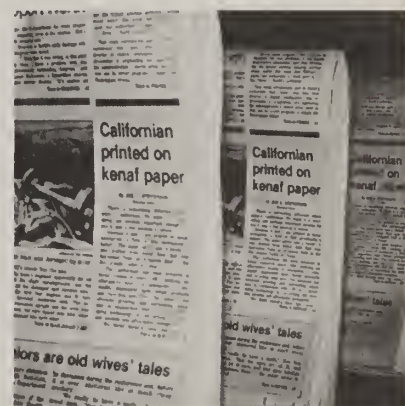
Industrial Uses of Agricultural Materials Situation and Outlook. Stock # IUS. \$16 annually.



Some of the types of products that contain castor oil or its derivatives: greases, transparent soaps, can coatings, and cosmetics.



A kenaf harvester in action (above), and one of kenaf's uses: newsprint.



ERS Periodicals

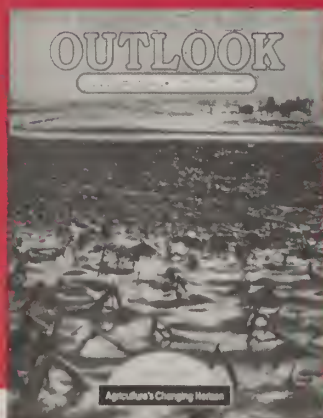
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Agricultural Outlook

The main source for USDA's farm income and food price forecasts. Emphasizes the short-term outlook for all major areas of the agricultural economy. Also presents long-term analyses of such issues as U.S. agricultural policy, trade forecasts and export-market development, food safety, the environment, and farm financial institutions. Includes 25 pages of data on individual commodities, the general economy, U.S. farm trade, farm income, production expenses, input use, prices received and paid by farmers, per capita food consumption, and related issues. 11 issues.

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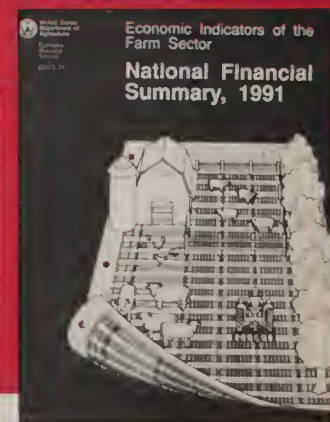


Economic Indicators of the Farm Sector

Updates economic trends in U.S. agriculture. Explores the economic status of the farm sector and allows the reader to plan and forecast more accurately. Each issue explores a different aspect of the U.S. farm sector: income and expenses, national and State financial summaries, production and efficiency statistics, and costs of production for livestock and dairy and for major field crops. 4 issues.

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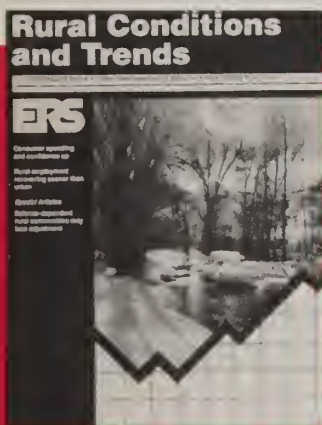


Rural Conditions and Trends

Track rural events on a variety of subjects in this quarterly periodical: national economic trends, employment and under-employment, industrial structure, earnings and income, poverty, and population. Occasional special articles look at topics such as national economic links to rural America and the farm labor force. Quick-read text and sharp graphics will help you get the information you need to know efficiently, effectively. 4 issues.

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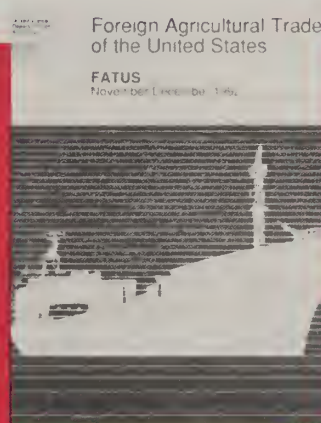


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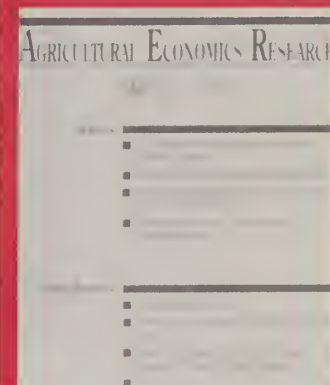


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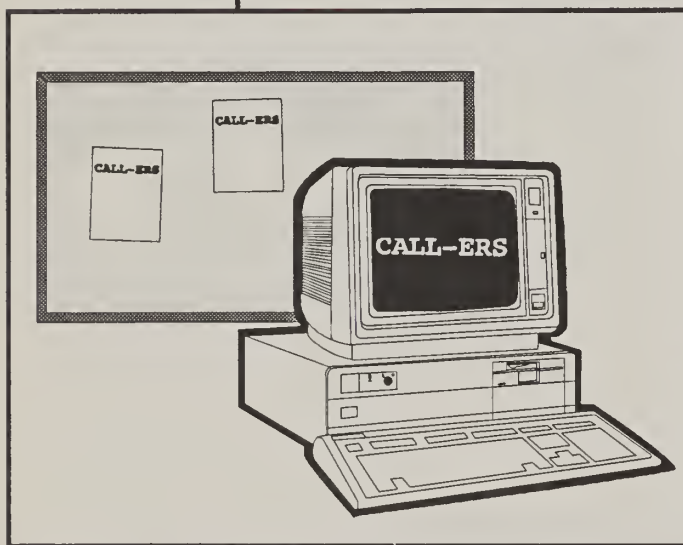
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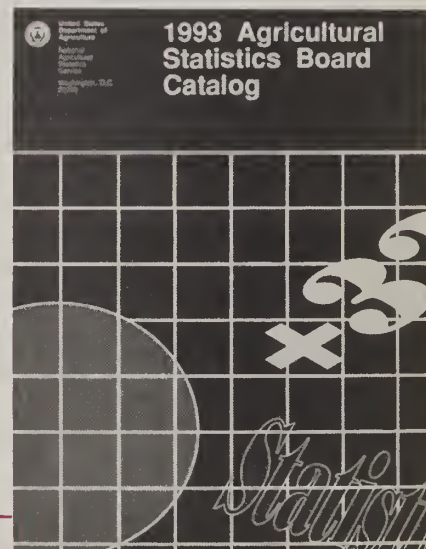
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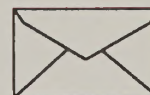
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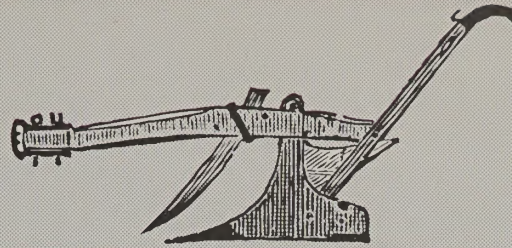
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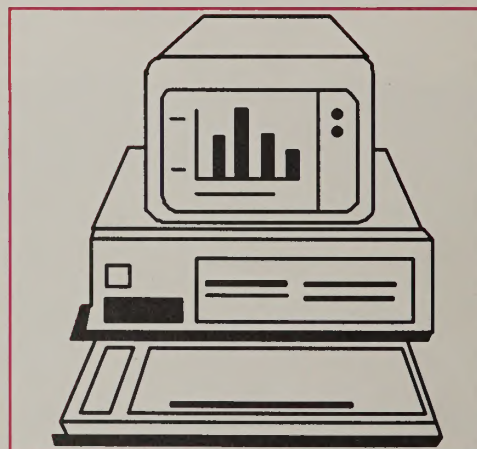
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